

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: )  
)  
Henryk LUBON *et al.* )  
)  
Serial No.: 08/982,284 ) Group Art Unit: 1632  
)  
Filed: December 21, 1997 ) Examiner: K. Hauda  
)  
For: METHODS FOR THE DEGRADATION AND DETOXIFICATION OF ORGANIC  
MATERIAL USING URINE PRODUCED BY TRANSGENIC ANIMALS AND  
RELATED TRANSGENIC ANIMALS AND PROTEINS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-captioned application. The fee has been calculated as shown below. (*Small entity fees indicated in parentheses.*)

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CLAIMS AS AMENDED						
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Claims Remaining After Amendment		Highest Number Previously Paid For	Extra Claims	Rate	Fee
<b>Total Claims</b> ( <i>Small Entity</i> )	60	-	44	16	18.00 ( 9.00)	\$144.00
<b>Independent Claims</b> ( <i>Small Entity</i> )	5	-	3	2	78.00 (39.00)	
<b>Multiple Dependent</b> ( <i>Small Entity</i> )		-			260.00 (130.00)	
<b>Total</b>						<b>\$144.00</b>

07/15/1998 FDELCAT  
02 JUL 1998

Attorney Docket No. 30523/0141

A check in the amount of the above Total Fee is attached. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 19-0741.

Respectfully submitted,

July 14, 1999  
Date

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Dupl.

#4/16  
[Signature]  
[Signature]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Attorney Docket No. 030523/0141

In re patent application of:

Henryk LUBON, *et al.*

Group Art Unit: 1632

Serial No. 08/982,284

Examiner: K. Hauda

Filed: December 21, 1997

For:     Methods For The Degradation And Detoxification Of Organic Material Using Urine  
          Produced By Transgenic Animals And Related Transgenic Animals And Proteins

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, applicants respectfully request that the following amendment be entered:

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**IN THE CLAIMS:**

Please add the following new claims:

--45. A method of producing a protein in urine of a non-human transgenic animal comprising:

(a) providing a non-human transgenic animal having stably integrated into its genome an exogenous gene construct comprising 5' expression regulatory sequences, including a kidney-specific promoter operably linked to an exogenous gene encoding said protein;

(b) allowing said exogenous gene encoding said protein to be expressed and said protein to be secreted into the urine of said transgenic animal; and

(c) collecting urine containing said protein from said animal.

46. The method of claim 45, further comprising:

(d) separating said protein from said urine.